

ABSTRACT OF THE DISCLOSURE

A filter element for filtering a gas stream including filter mats (4, 6) positioned in the gas stream, to which particles in the gas stream (2, 9) adhere and can be removed from the gas stream. The filter mats (4, 6) advantageously comprise multiple layers of the filter material having a membrane (5) positioned between them. The filter mats (4, 6) may additionally be provided on inflow side with a pre-separator nonwoven web (3) and/or on the outflow side with a post-separator nonwoven web (7) and each comprise, for example, 5 to 10 individual layers of glass fiber paper.